

ABSTRACT

A radio terminal (2a) normally transmits a packet by Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA). In the
5 packet is embedded a time in which a packet to be next transmitted
will be abandoned in the radio terminal (2a) due to time-out. An
AP 1 monitors such information and when a packet which the radio
terminal (2a) is trying to transmit is about to be abandoned in
the radioterminal (2a) due to time-out, grants to the radioterminal
10 (2a) a transmission right based on polling. Thus, there is provided
a wireless LAN system which is controllable in such a manner that
specific data such as audio data will not be abandoned within a
radio terminal at the transmitting end due to time-out, without
imposing a heavy control load on the whole system.